

What Is Claimed Is:

1. A cruise control system for motor vehicles having a stop-and-go function for automatically keeping the vehicle stopped and a shutoff function (22') for automatically shutting off the cruise control system when the brake pedal (10b) is being operated, wherein the shutoff function (22') is not operational if predefined conditions are met, including the condition that the velocity is not greater than a certain shutoff velocity (V_a).
2. The cruise control system as recited in Claim 1, wherein the shutoff velocity (V_a) is equal to 0.
3. The cruise control system as recited in Claim 2, wherein another condition for the shutoff function being non-operational is the lapse of a predefined time interval since the standstill of the vehicle.
4. The cruise control system as recited in Claim 1, wherein the shutoff velocity is greater than 0 but less than 10 km/hr.
5. The cruise control system as recited in one of the preceding claims, wherein under the conditions under which the shutoff function (22') is non-operational, the cruise control system can be activated using an operating control (20) even while the brake pedal (10b) is being operated.
6. The cruise control system as recited in one of the preceding claims, wherein the stop-and-go function has a "stopped, active" state in which it is possible to automatically set the vehicle in motion without driver

intervention, and at least one "wait" state in which start of motion of the vehicle can be resumed only upon driver confirmation, and, if the predefined conditions are met, the cruise control system goes into the "wait" state upon operation of the brake pedal (10b) in the active state and/or, when activated with the brake pedal being operated.

7. The cruise control system as recited in one of the preceding claims, wherein the shutoff function (22') becomes operational, even if the predefined conditions are met, by the brake pedal being operated for a period longer than a predefined minimum period.
8. The cruise control system as recited in one of Claims 1 through 6, wherein the shutoff function (22') becomes operational, even if the predefined conditions are met, by the brake pedal being operated multiple times within a predefined time interval.
9. The cruise control system as recited in one of Claims 1 through 6, wherein the shutoff function (22') becomes operational, even if the predefined conditions are met, by the intensity or the gradient of the brake pedal operation exceeding a predefined minimum value.